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Datasheet for ABIN7321296
CRP Protein (His tag)

Overview

Quantity:	100 µg
Target:	CRP
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CRP protein is labelled with His tag.

Product Details

Purpose:	Recombinant Rat CRP/C-Reactive Protein (His Tag)
Sequence:	His20-Ser230
Characteristics:	A DNA sequence encoding the Rat CRP (P48199-1) (His20-Ser230) was expressed with a polyhistidine tag at the N-terminus.
Purity:	>85 % as determined by reducing SDS-PAGE.

Target Details

Target:	CRP
Alternative Name:	CRP/C-Reactive (CRP Products)
Background:	Background: Displays several functions associated with host defense: it promotes agglutination, bacterial capsular swelling, phagocytosis and complement fixation through its calcium-dependent binding to phosphorylcholine. Can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.

Target Details

Synonym: C Reactive Protein Pentraxin Related Protein, MGC88244, Pentraxin 1, PTX 1

Molecular Weight: 23.3kDa

Pathways: [Carbohydrate Homeostasis](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.